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NOTICE OF ALLOWANCE AND FEE(S) DUE

512

7590

02/10/2011

WENDEROTH, LIND & PONACK, L.L.P. 1030 15th Street, N.W., Suite 400 East Washington, DC 20005-1503 EXAMINER

BASQUILL, SEAN M

ART UNIT PAPER NUMBER

1613

DATE MAILED: 02/10/2011

APPLICATION NO. FILING DATE		FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/587,857	07/28/2006	Teruhiko Taishi	2006_0901A	9708

TITLE OF INVENTION: NAPHTHYRIDINE DERIVATIVES HAVING INHIBITORY ACTIVITY AGAINST HIV INTEGRASE

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	05/10/2011

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

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appropriate. All further	correspondence includired below or directed oth	ng the Patent, advance of	rders and notification of n	naintenance fees w	ill be	mailed to the current	correspondence address as rate "FEE ADDRESS" for
CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address) 513 7590 02/10/2011 WENDEROTH, LIND & PONACK, L.L.P. 1030 15th Street, N.W., Suite 400 East				Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.			
				Certificate of Mailing or Transmission. Certificate of Mailing or Transmission I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.			
Washington, DC	20005-1503						(Depositor's name)
							(Signature)
							(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTOR		ATTO	RNEY DOCKET NO.	CONFIRMATION NO.
10/587,857	07/28/2006		Teruhiko Taishi			2006_0901A	9708
			INHIBITORY ACTIVITY				, , , , , , , , , , , , , , , , , , , ,
APPLN, TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE	E FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0		\$1810	05/10/2011
EXAM	INER	ART UNIT	CLASS-SUBCLASS				
BASQUILI 1. Change of corresponde		1613	546-123000				
"Fee Address" ind PTO/SB/47; Rev 03-0 Number is required. 3. ASSIGNEE NAME A PLEASE NOTE: Uni recordation as set fort	ND RESIDENCE DATA less an assignee is ident h in 37 CFR 3.11. Comp	" Indication form led. Use of a Customer A TO BE PRINTED ON "	(I) the names of up to or agents OR, alternative (2) the name of a single registered attorney or a 2 registered patent attorlisted, no name will be THE PATENT (print or type data will appear on the part a substitute for filling and	rely, e firm (having as a gent) and the name meys or agents. If i printed.	memb es of u no nam	er a 2 p to le is 3	ocument has been filed for
	iate assignee category or	4l permitted)	 a. Payment of Fee(s): (Plea a. A check is enclosed. b. Payment by credit care c. The Director is hereby 	Individual	rporati y prev is atta	on or other private gro iously paid issue fee s ched. required fee(s), any de	
• •	s SMALL ENTITY statu	is. See 37 CFR 1.27.	☐ b. Applicant is no long	ger claiming SMAI	L EN	Γ1ΤΥ status. See 37 CF	
interest as shown by the	records of the United Sta	tes Patent and Trademark	Office.			,	
Typed or printed name				Registration N	o		
	nation is required by 37 C tiality is governed by 35 d application form to the ions for reducing this but firginia 22313-1450. DC			_			by the USPTO to process) g gathering, preparing, and me you require to complete utment of Commerce, P.O. for Patents, P.O. Box 1450,

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10/587,857 07/28/2006		Teruhiko Taishi	2006_0901A	9708	
513 75	590 02/10/2011		EXAMINER		
WENDEROTH,	LIND & PONACK,	BASQUILL, SEAN M			
1030 15th Street, N	I.W.,	ART UNIT	PAPER NUMBER		
Suite 400 East		1613			
Washington, DC 2	0005-1503		DATE MAILED; 02/10/2011		

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 719 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 719 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 (571)-272-4200.

	Application No.	Applicant(s)	
	10/587,857	TAISHI ET AL.	
Notice of Allowability	Examiner	Art Unit	
	0	1010	
	Sean Basquill	1613	
The MAILING DATE of this communication appeal claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT R of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSE or other appropriate cor IGHTS. This application	D in this application. If not included nmunication will be mailed in due co	urse. THIS
1. 🔀 This communication is responsive to Applicants amendment	ents filed 1 DEcember 20	<u>10</u> .	
2. The allowed claim(s) is/are 1,2,4,7,9 and 10.			
3. Acknowledgment is made of a claim for foreign priority un a) All b) Some* c) None of the:		(d) or (f).	
1. Certified copies of the priority documents have			
2. Certified copies of the priority documents have			
Copies of the certified copies of the priority do	cuments have been rece	ived in this national stage application	n fro m the
International Bureau (PCT Rule 17.2(a)).			
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		file a reply complying with the requi	rements
4. A SUBSTITUTE OATH OR DECLARATION must be subminFORMAL PATENT APPLICATION (PTO-152) which give			ΓICE OF
5. CORRECTED DRAWINGS (as "replacement sheets") mus	st be submitted.		
(a) ☐ including changes required by the Notice of Draftspers		view (PTO-948) attached	
1) hereto or 2) to Paper No./Mail Date		,	
(b) including changes required by the attached Examiner' Paper No./Mail Date		t or in the Office action of	
Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in t			ack) of
6. DEPOSIT OF and/or INFORMATION about the depo attached Examiner's comment regarding REQUIREMENT			te the
Attachment(s)	5 □ Nation o	f Informat Debout Application	
1. Notice of References Cited (PTO-892)		f Informal Patent Application	
2. Notice of Draftperson's Patent Drawing Review (PTO-948)		v Summary (PTO-413), No./Mail Date	
3. Information Disclosure Statements (PTO/SB/08),	7. 🛛 Examine	er's Amendment/Comment	
Paper No./Mail Date4. Examiner's Comment Regarding Requirement for Deposit	8 □ Evamin	er's Statement of Reasons for Allowa	ance
of Biological Material	9.		ance
/Jeffrey S. Lundgren/			
Primary Examiner, Art Unit 1639			

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Art Unit: 1613

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be

unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure

consideration of such an amendment, it MUST be submitted no later than the payment of the

issue fee.

Authorization for this examiner's amendment was given in a telephone interview with

Michael Davis on 22 December 2010 and 31 January 2011.

In the Abstract:

• Delete the entire paragraphs "[Abstract] [Problems to be Solved] To provide a novel

compound... containing the same. [Means to Solve the Problem]"

• Following "A Compound," insert --- having HIV Integrase Inhibitory activity ---

In the Claims:

• Claim 1, line 3, replace "R¹ is aralkyl substituted with halogen" with "R¹ is benzyl

substituted with halogen."

Allowable Subject Matter

As amended, described above, Claims 1, 2, 4, 7, 9, and 10 are allowed.

Conclusion

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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sean Basquill whose telephone number is (571) 270-5862. The examiner can normally be reached on Monday through Thursday, between 8AM and 6PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Brian Kwon can be reached on (571) 272-0581. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Sean Basquill/ Examiner, Art Unit 1613

/Jeffrey S. Lundgren/ Primary Examiner, Art Unit 1639